

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/GB2004/001999

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 H04L12/56

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)  
EPO-Internal, WPI Data

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

| Category * | Citation of document, with indication, where appropriate, of the relevant passages  | Relevant to claim No. |
|------------|---|-----------------------|
| X          | T. HE, J.A. STANKOVIC: "SPEED: A Real-Time Routing Protocol for Sensor Networks" Online! March 2002 (2002-03), pages 1-12, XP002300153<br>Retrieved from the Internet:<br>URL: <a href="http://www.cs.virginia.edu/{techrep/CS-2002-09.pdf}">http://www.cs.virginia.edu/{techrep/CS-2002-09.pdf}</a> 'retrieved on 2004-10-11!<br>page 1, paragraph 1. INTRODUCTION<br>page 2, paragraphs 3., DESIGN, GOALS | 1-5, 8,<br>10-12      |
| A          |   | 6, 7, 9,<br>13-16     |

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

11 October 2004

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02/11/2004

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| C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT |   |                        |
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| Category *   | Citation of document, with indication, where appropriate, of the relevant passages  | Relevant to claim No.  |
| X  | WO 99/46899 A (LOHER URS ; SWISSCOM AG (CH)) 16 September 1999 (1999-09-16)<br>abstract   | 1-4, 8,<br>10, 11      |
| Y  | figure 1  | 5, 12                  |
| A  | claims 1, 3, 12-17, 19<br>page 7, line 7 - page 9, line 28<br><br>page 10, line 11 - line 6<br>page 13, line 16 - line 27<br>page 14, line 19 - line 32   | 6, 7, 9,<br>13-16      |
| X  | DE 101 08 555 A (SIEMENS AG)<br>12 September 2002 (2002-09-12)<br>abstract  | 1-4, 8,<br>10, 11      |
| A  | claim 1<br><br>figure 1<br>paragraph '0004! - paragraph '0008!<br>paragraph '0010! - paragraph '0012!   | 5-7, 9,<br>12-16       |
| Y  | S. SINGH, M. WOO: "Power-Aware Routing in Mobile Ad Hoc Networks"<br>PROCEEDINGS OF THE 4TH ANNUAL ACM-IEEE INTERNATIONAL CONFERENCE ON MOBILE COMPUTING AND NETWORKING, 'Online!<br>October 1998 (1998-10), pages 181-190, XP002300154<br>Retrieved from the Internet:<br>URL:www.acm.org> 'retrieved on 2004-10-11! | 5, 12                  |
| A  | page 183, left-hand column<br><br>page 184, right-hand column - page 185, left-hand column  | 1-4,<br>6-11,<br>13-16 |
| T  | J. TATESON, I.W. MARSHALL: "A Novel Mechanism for Routing in Highly Mobile Ad Hoc Sensor Networks" 'Online! 2004, pages 204-217, XP002300155<br>Retrieved from the Internet:<br>URL:http://www.informatik.uni-trier.de/{1e y/db/indices/a-tree/t/Tateson:Jane.html> 'retrieved on 2004-10-11!                         | 1-16                   |

# INTERNATIONAL SEARCH REPORT

Information on patent family members

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| Patent document<br>cited in search report |   | Publication<br>date | Patent family<br>member(s) | Publication<br>date |
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